

Understanding the Dataset

This project is based on a understanding the crop production of India .Download the dataset from the below link. It has 2,46,092 data points (rows) and 6 features (columns) describing each crop production related details.

Dataset Link: [Dataset](#)

Let's understand the data we're working with and give a brief overview of what each feature represents or should represent

1. State Name - All the Indian State names.

2. District Name -Different District names.

3. Crop Year- contains the crop years.

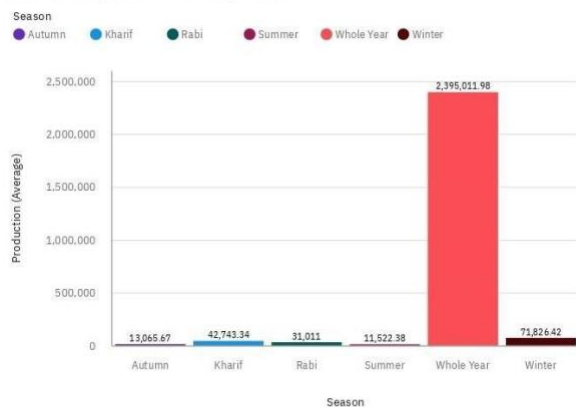
4. Season – Different seasons for crop production.

5. Area- Total number of areas covered.

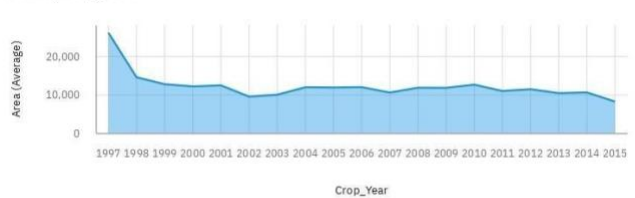
6. Production- production of crops.

crop_production - Microsoft Excel																			
A1 State_Name																			
State_Name	District_N	Crop_Year	Season	Crop	Area	Production													
Andaman NIOBAR	S	2000	Kharif	Arecanut	1254	2000													
Andaman NIOBAR	S	2000	Kharif	Other Kha	2	1													
Andaman NIOBAR	S	2000	Kharif	Rice	102	321													
Andaman NIOBAR	S	2000	Whole Ye	Banana	176	641													
Andaman NIOBAR	S	2000	Whole Ye	Cashewnu	720	165													
Andaman NIOBAR	S	2000	Whole Ye	Coconut	18168	65100000													
Andaman NIOBAR	S	2000	Whole Ye	Dry ginger	36	100													
Andaman NIOBAR	S	2000	Whole Ye	Sugarcane	1	2													
Andaman NIOBAR	S	2000	Whole Ye	Sweet pot	5	15													
Andaman NIOBAR	S	2000	Whole Ye	Tapioca	40	169													
Andaman NIOBAR	S	2001	Kharif	Arecanut	1254	2061													
Andaman NIOBAR	S	2001	Kharif	Other Kha	2	1													
Andaman NIOBAR	S	2001	Kharif	Rice	83	300													
Andaman NIOBAR	S	2001	Whole Ye	Cashewnu	719	192													
Andaman NIOBAR	S	2001	Whole Ye	Coconut	18190	64430000													
Andaman NIOBAR	S	2001	Whole Ye	Dry ginger	46	100													
Andaman NIOBAR	S	2001	Whole Ye	Sugarcane	1	1													
Andaman NIOBAR	S	2001	Whole Ye	Sweet pot	11	33													
Andaman NIOBAR	S	2002	Kharif	Rice	189.2	510.84													
Andaman NIOBAR	S	2002	Whole Ye	Arecanut	1258	2083													
Andaman NIOBAR	S	2002	Whole Ye	Banana	213	1278													
Andaman NIOBAR	S	2002	Whole Ye	Black pep	63	13.5													
Andaman NIOBAR	S	2002	Whole Ye	Cashewnu	719	208													
Andaman NIOBAR	S	2002	Whole Ye	Coconut	18240	67490000													

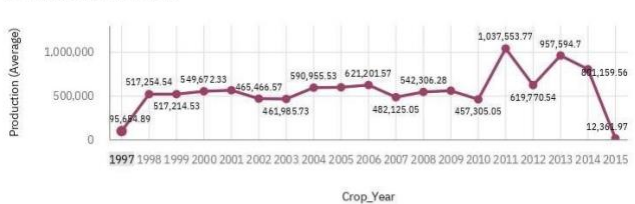
Production by Season colored by Season



Area by Crop_Year



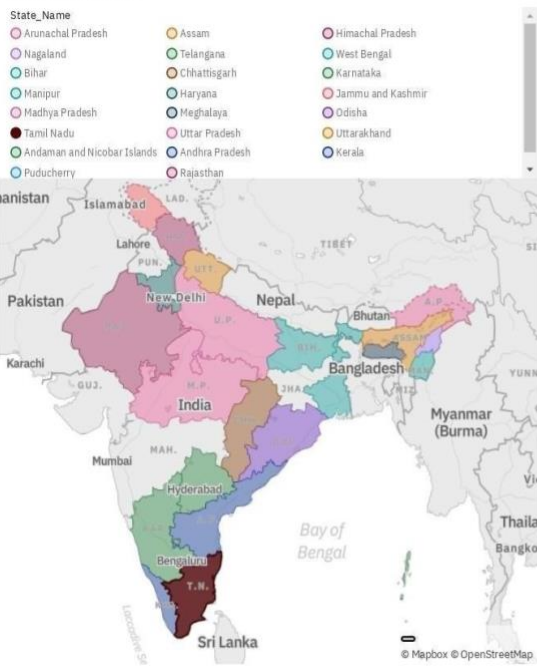
Production by Crop_Year



Area by State_Name colored by State_Name



State_Name regions



State_Name and Crop

Crop	State_Name
Gram	Nagaland
	Odisha
	Punjab
	Rajasthan
	Tamil Nadu
	Telangana
	Tripura
	Uttar Pradesh

Season and Crop

Crop	Season
Grapes	Whole Year
	Kharif